Index of Claims



Application/Control No.

10/709,607 Examiner

Ives Wu

Applicant(s)/Patent under Reexamination

CHEN ET AL.

Art Unit

1797

	Allowed
√	Rejected

-	(Through numeral) Cancelled
Ļ	Restricted

N	Non-Elected
ı	Interference

A	Appeal
0	Objected

Claim																					_	
1 1 = 2 2 = 3 3 = 5 5 - 5 6 = 6 7 = 7 8 = 8 9 = 9 10 = 10 11 = 11 12 = 12 13 = 13 14 = 15 16 = 15 16 = 16 17 = 17 18 = 19 66 66 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83	Cla	im				(Date	е			_		Cla	im					Date	9		_
2 2 = 3 3 = 4 4 = 5 - 55 5 6 7 7 8 = 8 9 = 9 10 = 10 11 = 11 12 = 12 13 = 13 14 = 15 16 = 66 16 17 = 67 17 18 = 68 19 69 = 20 70 = 21 71 = 22 72 = 23 73 = 24 74 = 25 75 = 28 78 = 29 79 = 30 80 = 31 81 = 28 78 = 29 30	Final	Original	10/1/07								:		Final	Original								
3 3 = 5 5 5 5 5 6 5 5 6 6 7 = 5 56 6 6 56 6 6 56 6 6 <td>1</td> <td>1</td> <td>=</td> <td></td> <td></td> <td></td> <td>_</td> <td>Τ</td> <td></td> <td></td> <td></td> <td>ĺ</td> <td></td> <td>51</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>一</td> <td></td> <td>t</td>	1	1	=				_	Τ				ĺ		51						一		t
4 4 = 5 - 55 55 55 56 - 56 6 7 = 57 7 7 8 = 57 7 7 7 8 = 58 8 9		2	=											52								Ī
5 6 - 56 - 56 - 56 - 56 - 56 - 57 - - 57 - - 57 - - 57 - - 57 - - 58 8 8 9 - - 57 - - 57 - - 58 8 8 9 - - 58 8 8 9 - 59 9 9 10 - 60 10 11 12 - 62 2 11 11 12 - 62 2 11 11 12 - 62 12 11 12 12 12 13 14 - 66 14 14 15 16 17 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12 12			=	<u> </u>		_	L.		<u> </u>	L												L
5 6 - - 56 57 - - 57 7 8 - 57 7 8 - 58 8 9 - 9 10 - 58 8 9 - 9 10 - 58 59 9 9 9 10 - 60 10 11 12 12 13 - 61 11 12 - 62 13 14 - 62 13 14 - 64 44 14 15 - 63 - 64 44 - 64 - 64 - 66 65 - 66 - 66 - 66 - 67 - 17 18 - 68 - - 70 - 20 - 70 - - 72 - - 72 - 73 - - 72 -	4						_														╙	L
6 7 = 57 58 8 9 = 58 59 9 10 = 60 60 10 11 = 60 60 61 11 11 12 = 62 12 12 13 = 62 13 14 = 62 13 14 = 62 13 14 = 64 14 15 = 65 15 66 66 66 66 66 66 66 66 67 17 18 = 68 69 9 9 70 70 71 71 71 72 73 73 74 74 74 75 76 77 78 78 79 9 9 99 79 9 9 99<			-	_	_		<u> </u>	<u> </u>	<u> </u>	<u> </u>								_			<u> </u>	Ļ
7 8 = 58 59 9 10 = 60 61 10 11 = 62 61 11 12 = 63 63 13 14 = 64 64 14 15 = 66 66 16 17 = 67 68 19 0 69 70 70 21 70 71 71 72 73 74 72 73 74 74 75 76 77 78 79 30 80 81 81 81 83 83 83 83 84 84 84 84 84 85 86			├		<u> </u>	_	ļ	ļ	<u> </u>	ļ	<u> </u>							<u> </u>	<u> </u>	<u> </u>	 	-
8 9 = 59 60 10 11 = 62 = 61 = 62 = 11 12 = 62 = - 63 = 63 = 63 = 64 = 64 = 64 = 65 = 65 = 66 = 66 = 67 = 11 11 12 = 68 = - 66 = 66 = 66 = 66 = 67 = 11 11 11 12 = 68 = 68 = 69 = - 66 = 67 = 11 11 12 = 68 = 69 = - 70 = 71 = 72 = 72 = 72 = 72 = 73 = 74 = 74 = 74 = 74 = 72 = 73 = 73 = 73 = <td< td=""><td></td><td></td><td>├</td><td></td><td></td><td></td><td>_</td><td></td><td>_</td><td>_</td><td><u> </u></td><td></td><td></td><td></td><td></td><td></td><td>_</td><td><u> </u></td><td><u> </u></td><td><u> </u></td><td><u> </u></td><td>Ļ</td></td<>			├				_		_	_	<u> </u>						_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	Ļ
9 10 = 60 61 10 11 = 63 61 11 12 = 63 63 13 14 = 64 64 14 15 = 65 66 15 16 = 66 67 17 18 = 68 69 20 70 71 72 73 74 22 23 73 74 74 74 74 75 76 77 78 8 79 80 80 80 81 82 83 83 84 84 83 84 84 84 84 85 86 86 86 86 87 88 89 90 90 90 90 90 90 90 91 91 92 93 94 94 94 95 96 96 96 97 97 97 97 97 97 97 97 97 97			-	_	⊢		⊢	-	├					58			<u> </u>		 	 		╀
10 11 = 61 62 62 63 63 63 63 63 64 64 64 64 64 65 65 66 66 66 66 66 66 66 67 67 67 67 67 67 67 67 67 67 67 67 67 68 69 69 69 69 69 69 70 70 71 71 71 71 72 73 73 73 73 74			-	<u> </u>	_	-	⊢		├	 							├-	 			⊢	ł
11 12 = 12 13 = 13 14 = 14 15 = 15 16 = 16 17 = 17 18 = 19 0 0 21 0 0 21 0 0 21 0 0 22 0 0 23 0 0 24 0 0 25 0 0 26 0 0 27 0 0 28 0 0 29 0 0 30 0 0 31 0 0 32 0 0 33 0 0 34 0 0 35 0 0 36 0 0 37 0 0 38 0 0 39 0<			-	 	-	 	 	-		-		.		61	-		\vdash	⊢	\vdash	⊢	├	╁
12 13 = 63 64 64 64 64 65 65 65 65 65 66 66 66 66 66 66 67 67 67 67 67 67 67 67 67 68 69 70 71 71 72 73 72 73 74 74 74 74 74 74 74 74 74 74 75 75 76 77 78 78 78 79 80 80 80 80 80 80 80 81 81 82 83			-		-	┢╾			⊢	⊢	-				\vdash			-	-		 	t
13 14 = 64 65 15 16 = 66 67 16 17 = 68 67 17 18 = 68 69 20 70 71 71 72 72 73 74 74 74 74 74 75 75 76 77 78 78 79 30 80 80 81 81 82 83 83 83 84 84 84 84 84 84 84 85 85 86 87 88 89 90 90 90 90 90 90 90 90 94 94 94 94 94 94 94 94 94 94 94 94 96 96 96 96 97 <td< td=""><td></td><td></td><td>-</td><td> </td><td>\vdash</td><td>├─</td><td></td><td>-</td><td></td><td>H</td><td>_</td><td></td><td></td><td></td><td>\vdash</td><td>_</td><td>┝</td><td>├─</td><td> </td><td>-</td><td>╁</td><td>t</td></td<>			-	 	\vdash	├─		-		H	_				\vdash	_	┝	├─	 	-	╁	t
14 15 = 65 66 15 16 = 66 67 67 17 18 = 68 69 70 70 70 70 70 70 70 70 70 70 70 70 71 71 71 72 72 73 74 74 74 74 74 74 74 74 74 75 76 77 78 78 78 78 78 78 79 79 78 78 79	13		-								\vdash			64	\vdash	_	┢	\vdash	\vdash	-	 	t
15 16 = 66 67 17 18 = 68 69 19 20 70 71 21 71 72 73 23 73 74 74 25 75 76 77 28 78 79 80 29 30 80 81 32 82 83 83 33 84 85 86 37 86 86 86 37 87 88 89 40 90 90 90 41 92 93 44 94 94 45 96 96 46 96 97			_						l	-				65					\vdash	<u> </u>	 	t
16 17 = 67 17 18 = 68 19 69 70 21 71 72 23 73 74 24 74 74 25 75 76 27 77 78 29 79 80 30 80 81 32 82 82 33 83 84 35 85 86 37 87 88 39 40 90 41 91 92 43 94 94 45 96 96 47 97 97			=												-		┢	┪	\vdash		一	t
17 18 = 68 69 19 70 70 71 71 72 73 74 72 73 74 74 75 75 76 77 77 77 77 77 77 78 78 79 30 80 31 81 82 33 83 83 83 83 83 84 84 84 85 85 86 86 86 87 88 88 89 <td< td=""><td></td><td></td><td>=</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>Т</td><td>t</td></td<>			=																		Т	t
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97	17	18	=																			T
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97		19							T													T
22 72 23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96														70							Ī	T
23 73 24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97																						Ι
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		22	_					_	<u> </u>	<u> </u>	_			72					ļ	L	<u> </u>	L
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96 47 97			_	_	<u> </u>		<u> </u>	<u> </u>		_							<u> </u>	_	L		<u> </u>	ļ
26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97			_	_	<u> </u>				<u> </u>	<u> </u>				74			_	L	<u> </u>		Ŀ	╀
27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97				<u> </u>	_	L	_			<u> </u>			<u></u>	75				<u> </u>	<u> </u>	<u> </u>	 _	4
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97			-		-			-	├	-								\vdash	-	 	-	╀
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 45 95 46 96 47 97			Ͱ		-	┢	-	-	├	-	-	'		78	\vdash		├─	├—	┝	\vdash	⊢	ł
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		29	╁━		├─		 	┢	┢					70	\dashv		-	\vdash	\vdash	┢	┢	t
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97					\vdash		 	\vdash	╁╌	┢	 							┢	├	\vdash	-	t
32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	 		╁╌	-		┢			H				-				\vdash	\vdash	\vdash		┢╾	t
33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		32			-	T	 -		 	_	_			82			\vdash	 	-	 	 	t
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97									T	 							\vdash	\vdash			\vdash	t
36 86 37 88 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		34	Г					1													Г	t
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97			L]										I
38 88 39 90 40 91 41 91 42 92 43 93 44 94 45 95 46 96 47 97		36				_																I
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	<u> </u>	37			_		_	_	_		<u> </u>										<u> </u>	1
40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		38		<u> </u>	Ŀ						<u> </u>	ļ									ot	1
41 91 42 92 43 93 44 94 45 95 46 96 47 97	<u> </u>		Ŀ		_	_	L_	<u> </u>	_		_			89			<u> </u>	<u> </u>			<u> </u>	ļ
42 92 43 93 44 94 45 95 46 96 47 97			<u> </u>	\vdash	\vdash		-	-	-	<u> </u>	 						_	<u> </u>	<u> </u>	_	<u> </u>	+
43 93 94 94 95 95 96 96 97 97 97	<u> </u>		 	-	├-	-	\vdash	\vdash		\vdash	-	ł			-		<u> </u>		<u> </u>	<u> </u>	\vdash	+
44 94 45 95 46 96 47 97	-		+-	-	├		├-	 	-		\vdash	ł				_	 	\vdash	\vdash	\vdash	\vdash	+
45 95 96 96 97 97	-		 	\vdash	├	-		\vdash		\vdash		{				_			\vdash	\vdash	 	ł
46	 			\vdash	\vdash	-		 		\vdash	\vdash	1							-	-	\vdash	t
47 97			H	\vdash	\vdash	1	 	\vdash	\vdash	\vdash	H	l		96	\vdash						\vdash	t
				Т	Ι		1	\vdash	t		f	1					\vdash				T	t
		48							T^{-}			1		98		_			T	Г		t
49 99		49												99		_						Ī
50 100 100		50												100								T

	Cla	11111		_			Jak	_			
	Final	Original									
		51									
		52									
		52 53									
		54						_			
ì		54 55	_								_
		56					_		_	_	
		57				-	-	_			_
		58						_			
		59			\vdash						
		60			┝	-		_			
		61	_		\vdash		_	\vdash	_		-
		62				_		_			-
		63		-	-	-		-			
		64	\vdash		\vdash			-			_
1		63 64 65						_	_		-
		66			├	_	_	\vdash		_	-
		66 67		_	\vdash		_	_			
		68	_		\vdash		<u> </u>				ļ
		69					-	_	_		_
		70	—				_				
		71			\vdash			_			
		71		_			_				_
		72			H		-	_	·		
		73		_	_	_	_				_
		72 73 74 75 76				-			_		
		75	-	_					_		
		70					_	_			
		70		_		_	-				
		77 78 79	_							_	_
1		79			H	<u> </u>		_			_
		80 81						\vdash			-
		81				-					
		82			\vdash		_				
		83					<u> </u>				
		84 85					-		_		
		00	_				_				
		86 87			\vdash	_	<u> </u>				
		88				-			_		
		00	-	-			┝				
		89 90	-	-	-	_	-				
		91		-	\vdash	_	\vdash		-	-	_
		92	_		-		\vdash				
		93		-	-	_					
		94	-	-			-			\vdash	
		95		-			-	H	\vdash	\vdash	
		96	-	-	\vdash	-		H	-		-
		97		-	-	_	-	H	\vdash	\vdash	_
		98	\vdash				 	\vdash	H	H	
		99	-			_				Н	-
		100	 	\vdash				\vdash	-		

Cli	Date									
		-								П
Final	Original									
			H	-	-				-	\vdash
	101 102						\vdash			\dashv
	103		-						_	-
	104	_				-				\vdash
	104 105		_						\vdash	Н
	106		\vdash					_	_	\Box
	107	$\overline{}$								\Box
	108									
	109									П
	110									
	110 111	<u> </u>		$oxedsymbol{oxed}$						
	112						\Box			
	113	<u> </u>	<u> </u>				<u> </u>			Ш
\vdash	113 114 115	<u> </u>					L_	_	<u> </u>	Ш
-	115	<u> </u>	<u> </u>	<u> </u>		ļ	_		<u> </u>	
<u> </u>	116	├	<u> </u>	\vdash			L	_	<u> </u>	
	116 117 118	\vdash	<u> </u>					-	 	\vdash
	118	<u> </u>					<u> </u>	_		\square
-	119 120			_			_			Н
	121	-	├	\vdash	_		 		_	H
\vdash	122	 					-	_		Н
	122 123 124 125 126	\vdash	\vdash			_				
-	124	\vdash	├─					-	-	\vdash
	125		H	-	_				┢╾	-
	126						_			H
	127 128 129									М
	128									П
	129									
	130 131 132									
	131									
	132	L					<u> </u>		_	
	133 134		_							
	134	<u> </u>	<u> </u>	<u> </u>	ļ	_	<u> </u>		<u> </u>	Ш
ļ	135	_	<u> </u>	 	<u> </u>	<u> </u>	_	_	<u> </u>	
	136 137	-	 	-		\vdash	\vdash	_	-	$\vdash \vdash$
<u> </u>	137		 		-		\vdash			$\vdash \vdash$
	138 139	-	<u> </u>	<u> </u>		\vdash	\vdash	-	\vdash	\vdash
	140	\vdash	 			\vdash			\vdash	\vdash
	141	\vdash	-	_	-	H			<u> </u>	H
	142		<u> </u>	-		\vdash	_		\vdash	Н
<u> </u>	143			<u> </u>	_				Ι	Н
	144								Ι	П
	145		Ŀ							
	146									
	147					匚				
	148									
<u> </u>	149	_			<u> </u>					Ш
<u></u>	150		L_	<u> </u>					<u> </u>	